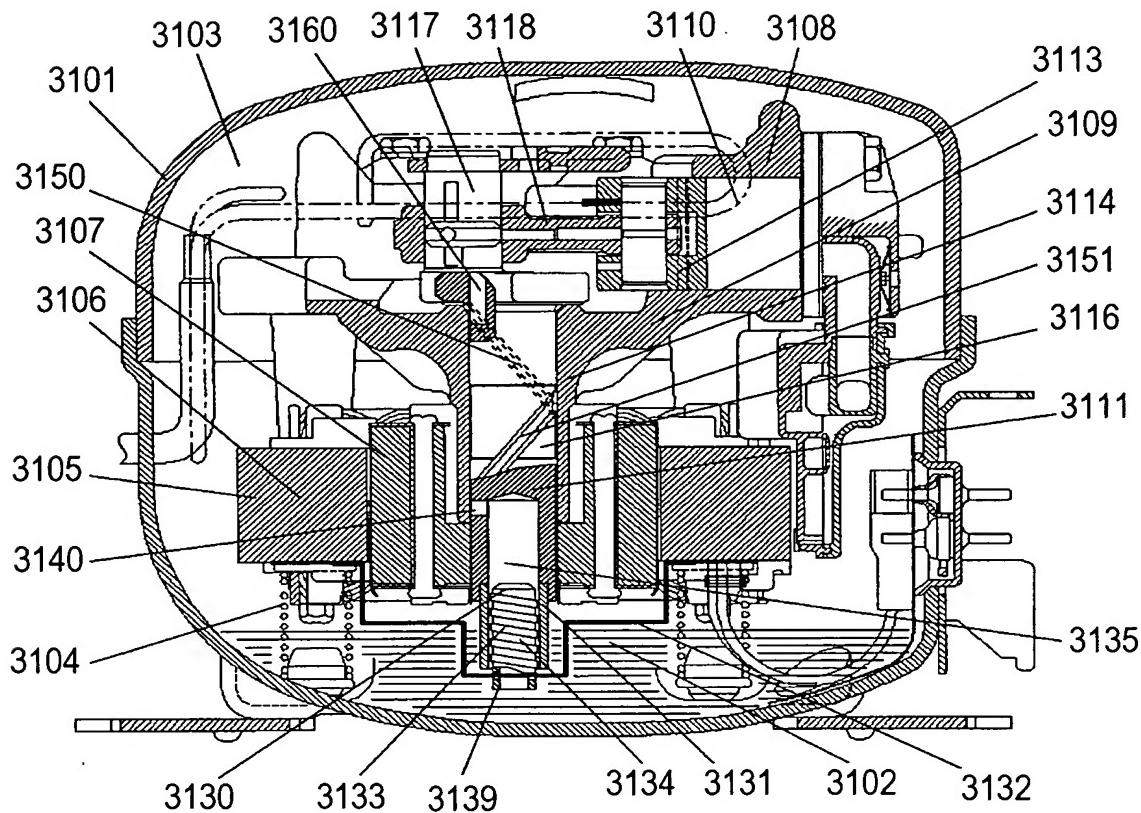
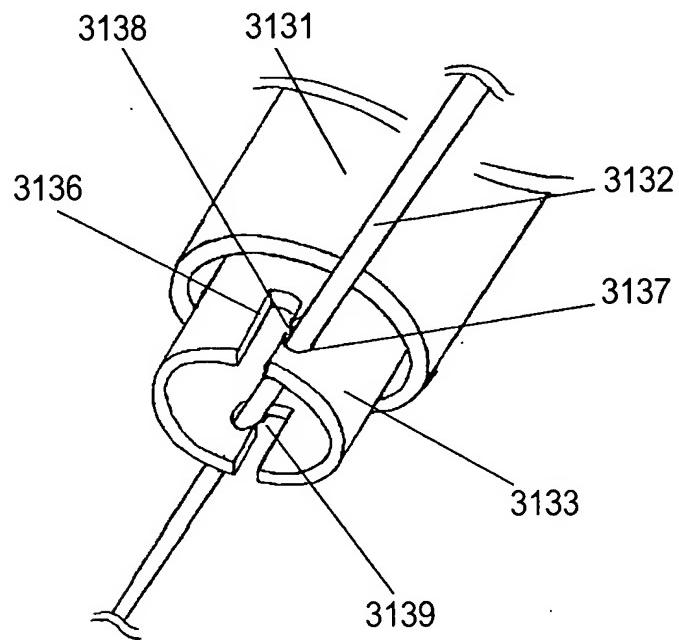
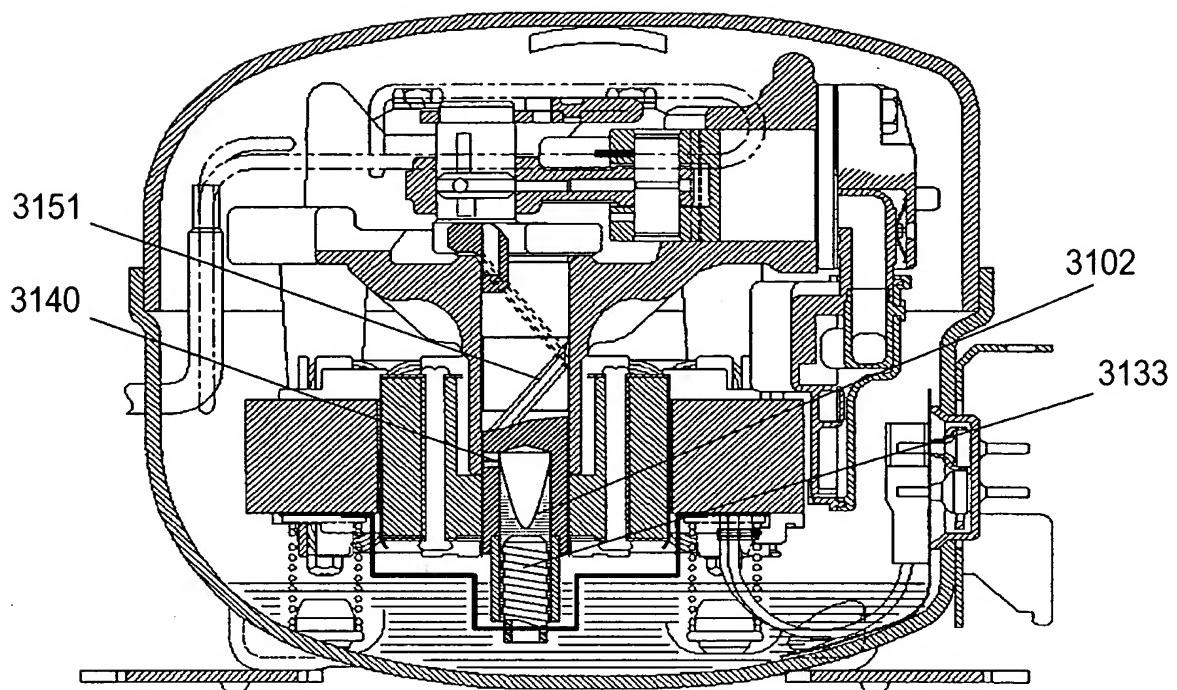


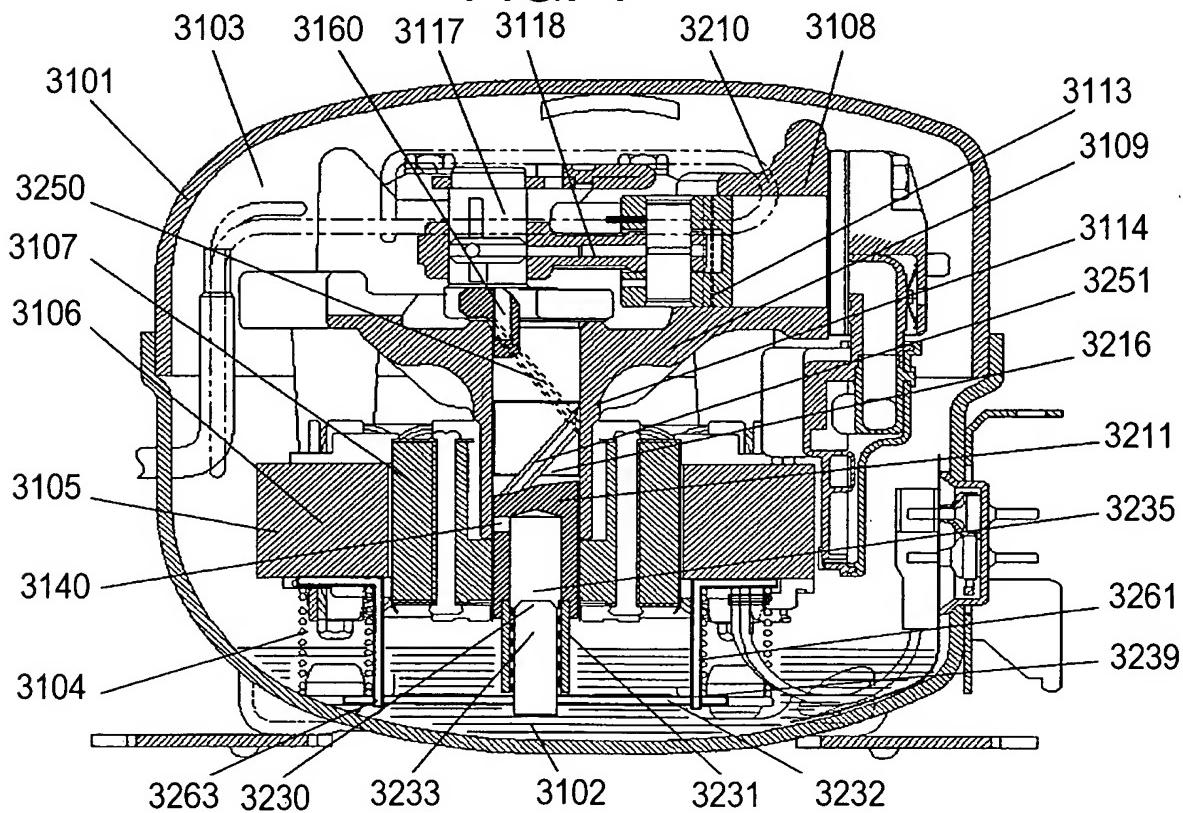
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**FIG. 1****FIG. 2**

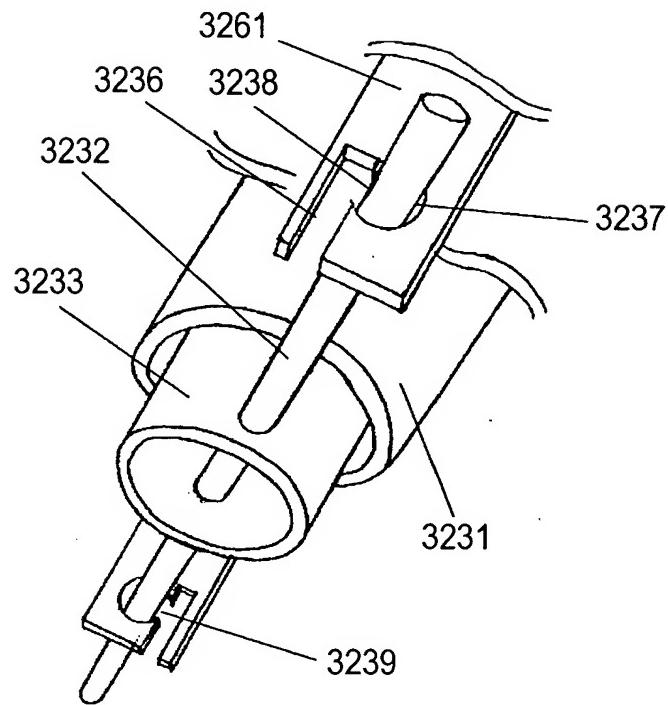
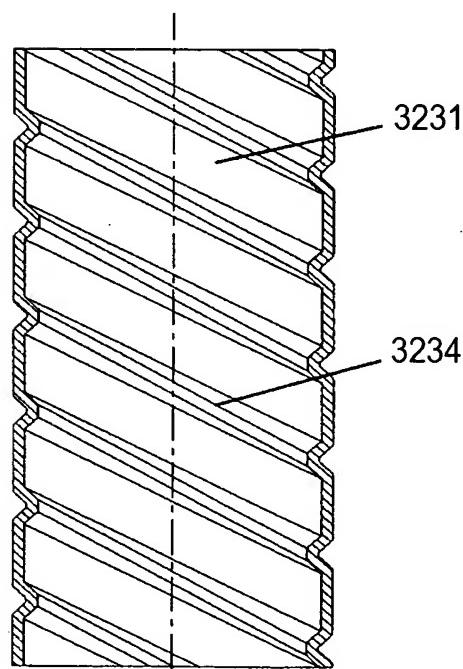
**FIG. 3**



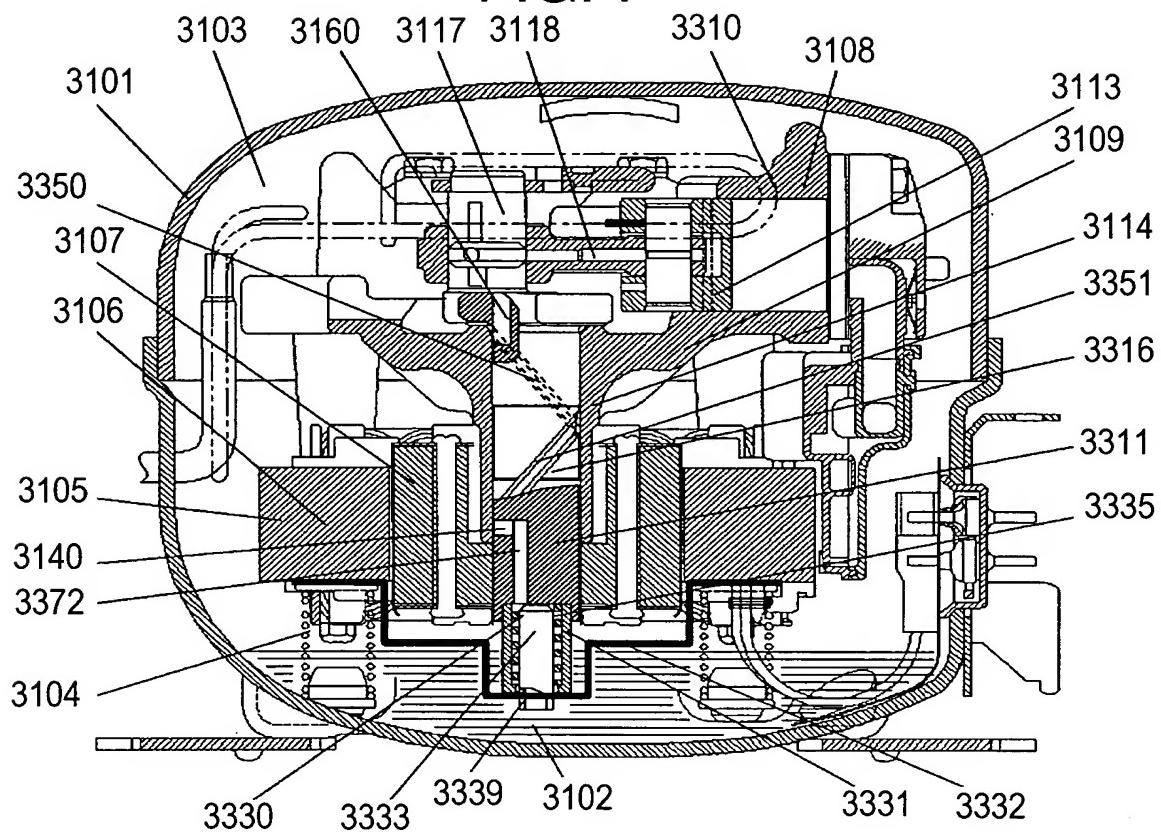
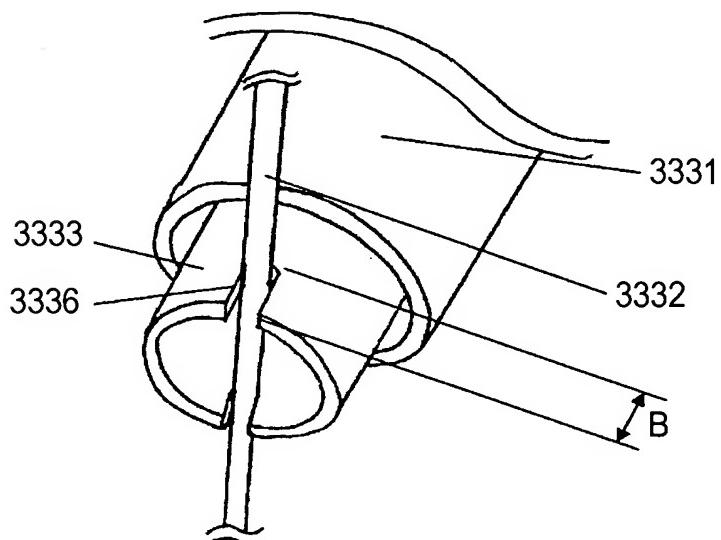
**FIG. 4**



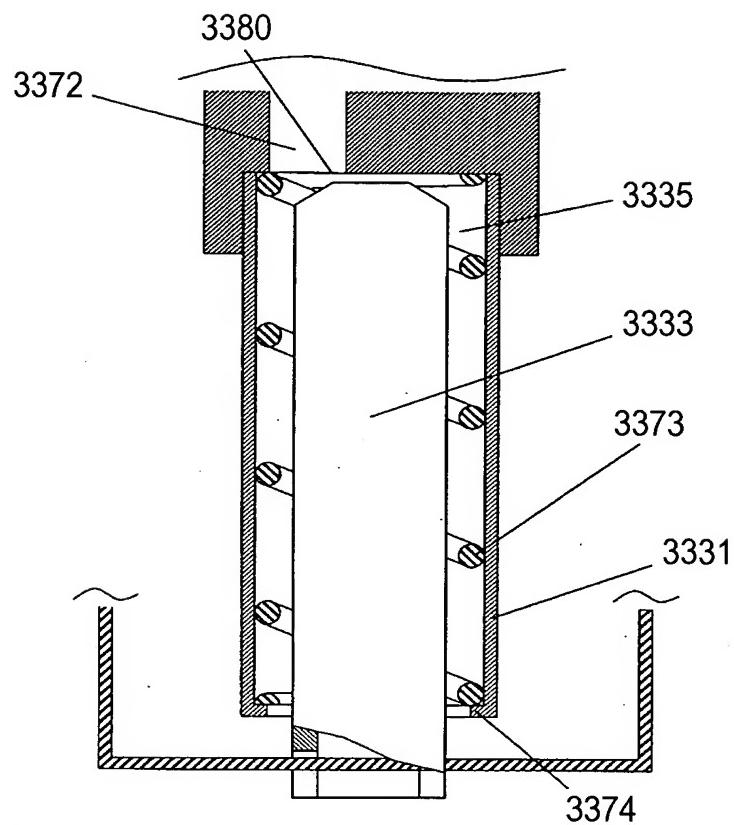
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**FIG. 5****FIG. 6**

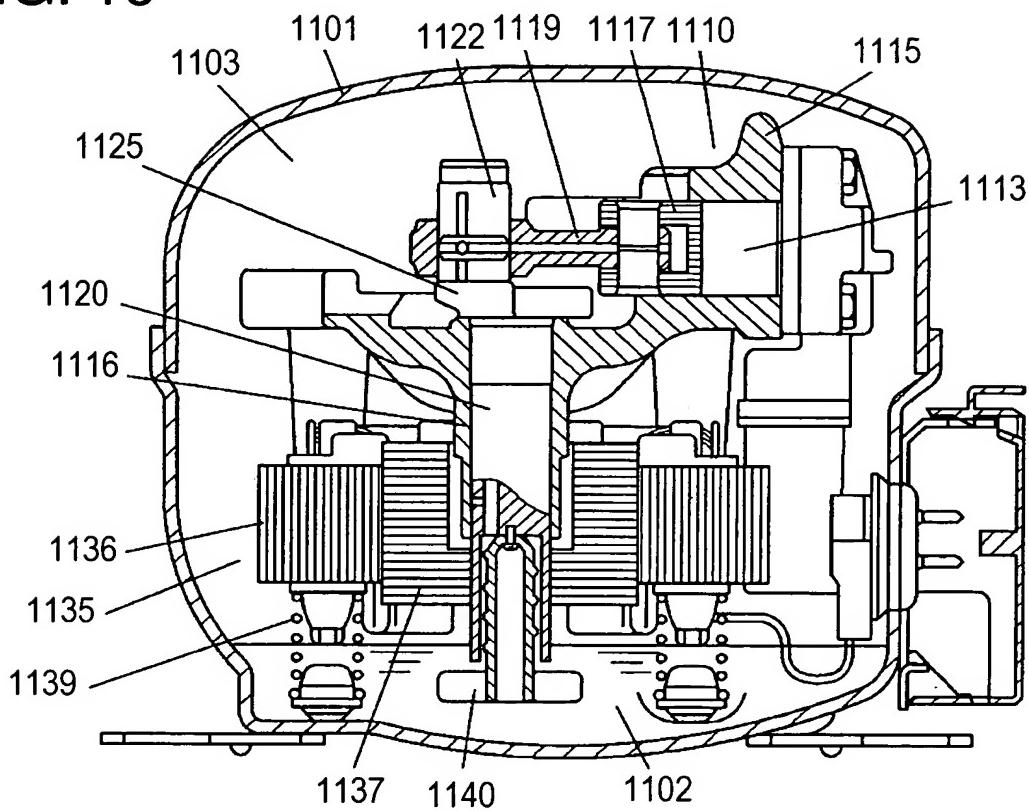
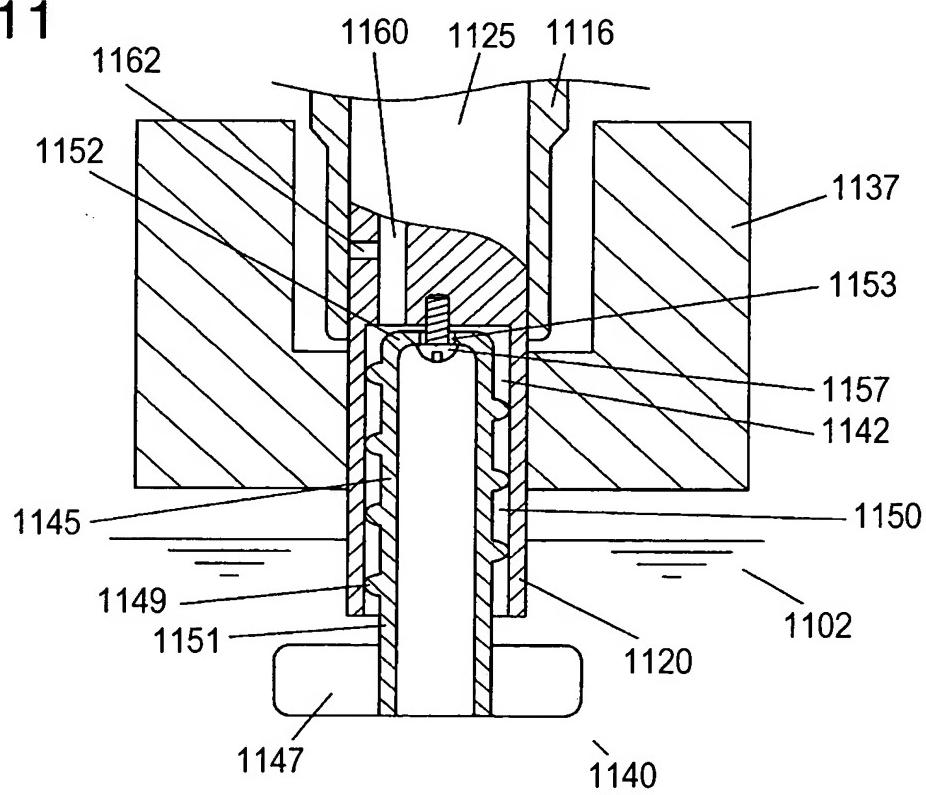
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**FIG. 7****FIG. 8**

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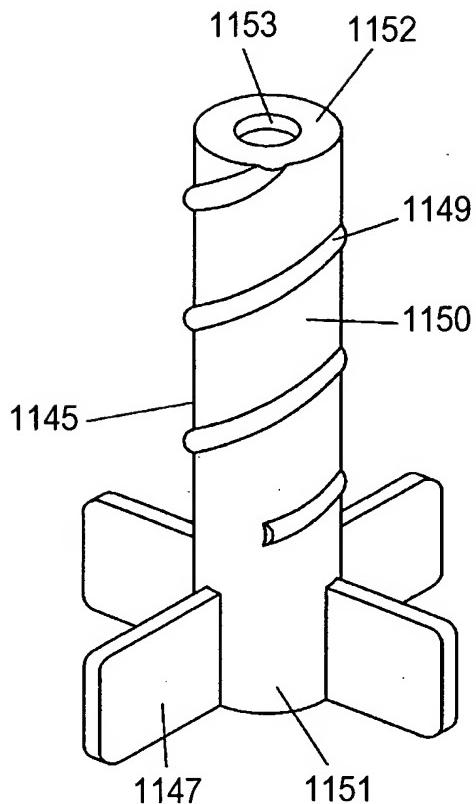
**FIG. 9**

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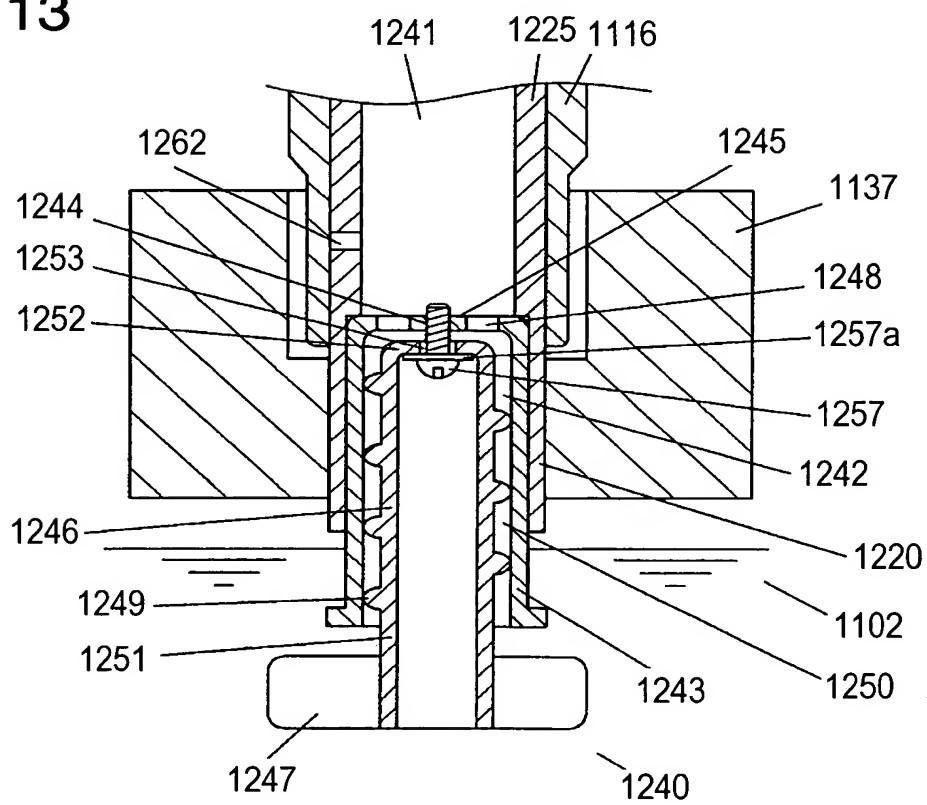
**FIG. 10****FIG. 11**

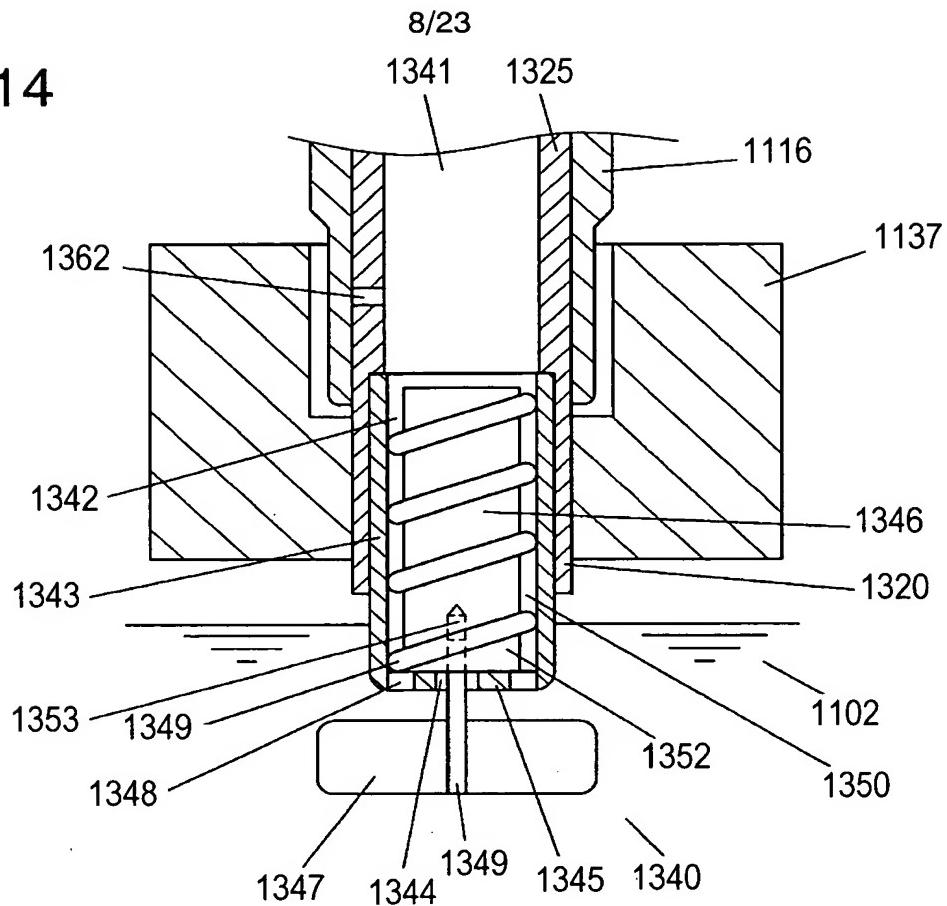
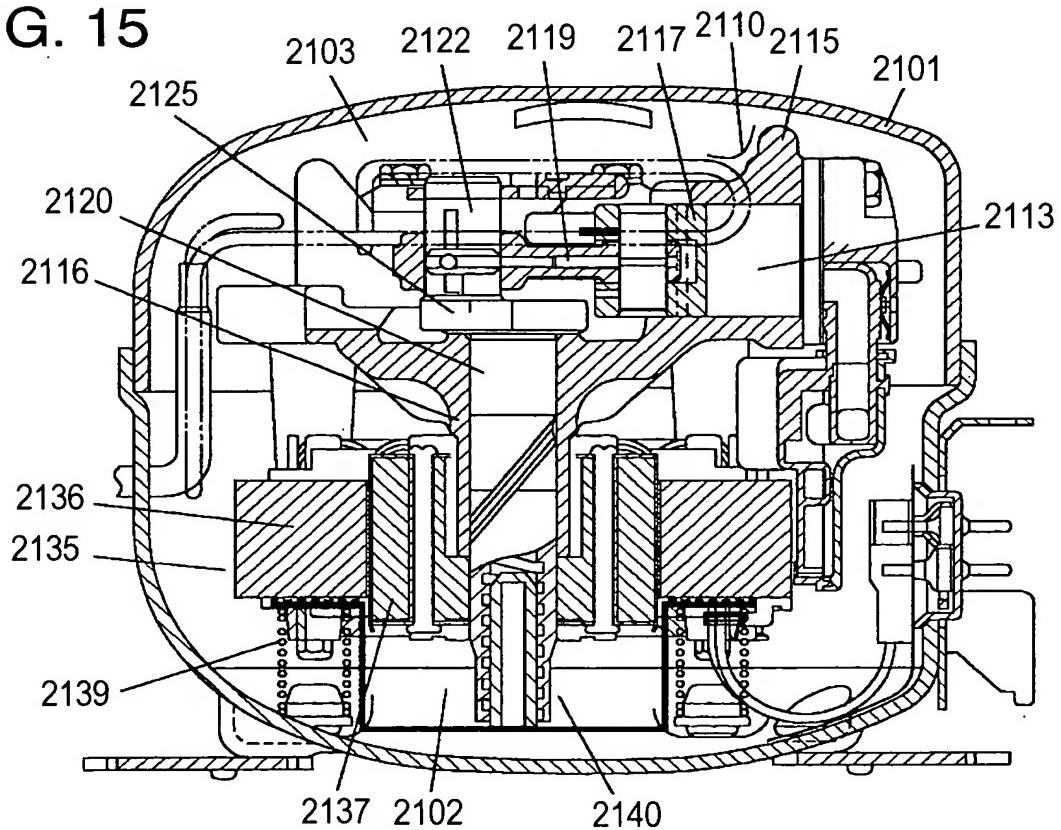
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FIG. 12

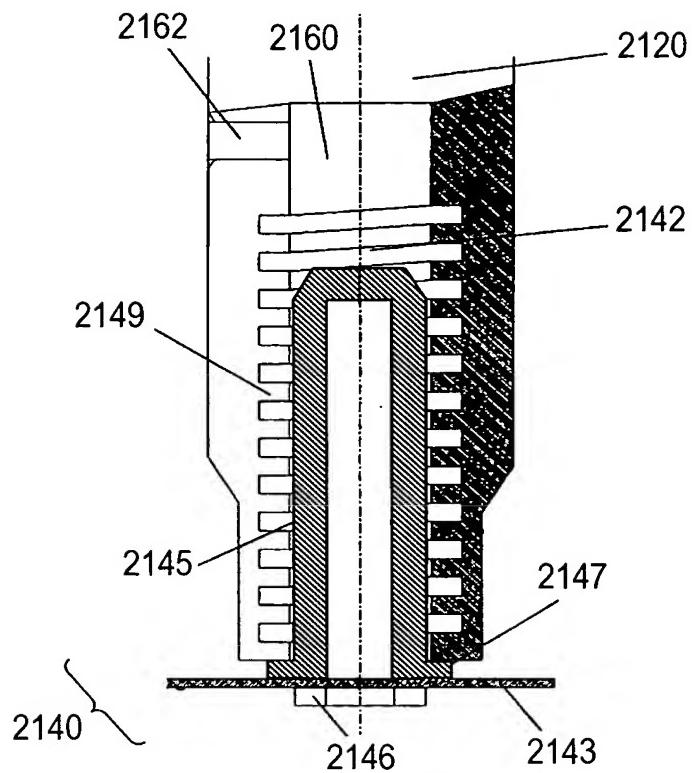
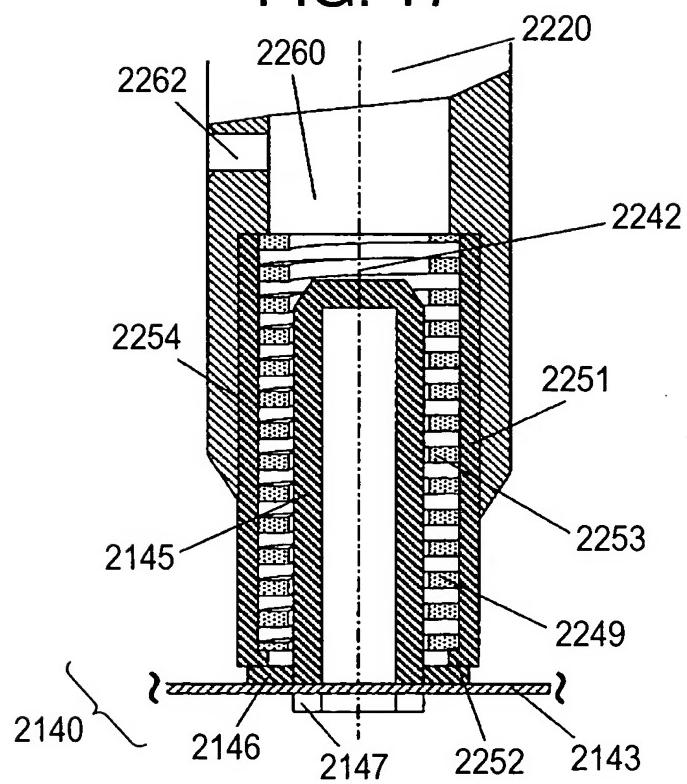


**FIG. 13**



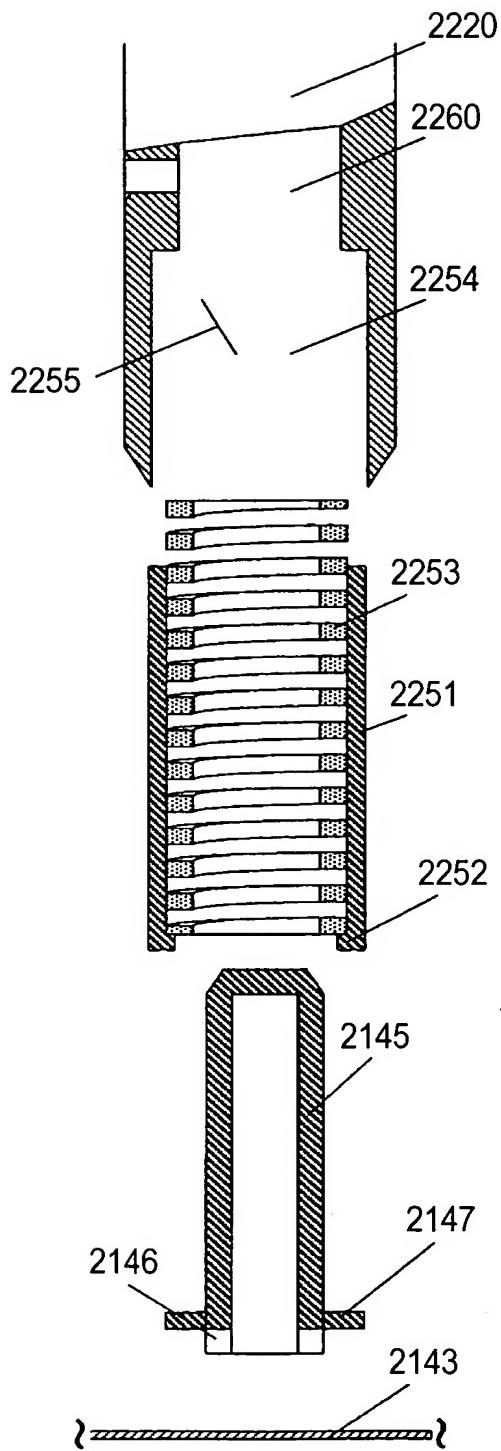
**FIG. 14****FIG. 15**

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**FIG. 16****FIG. 17**

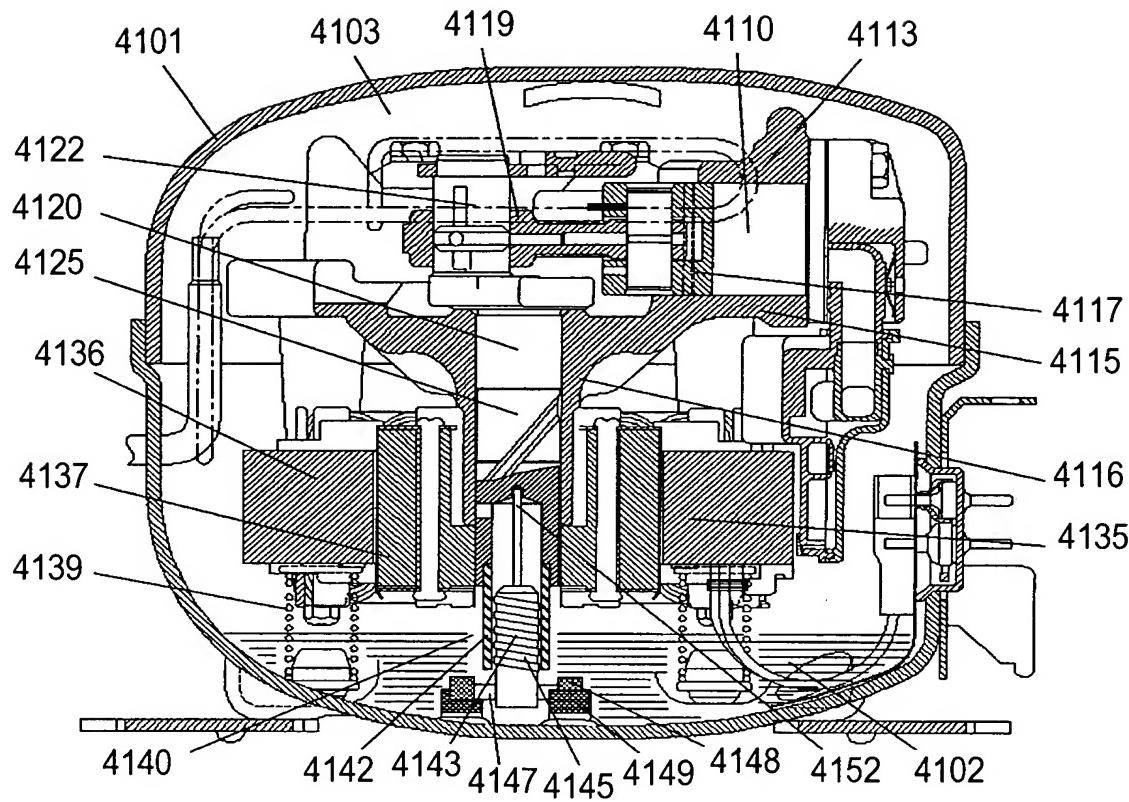
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FIG. 18



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FIG. 19



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FIG. 20

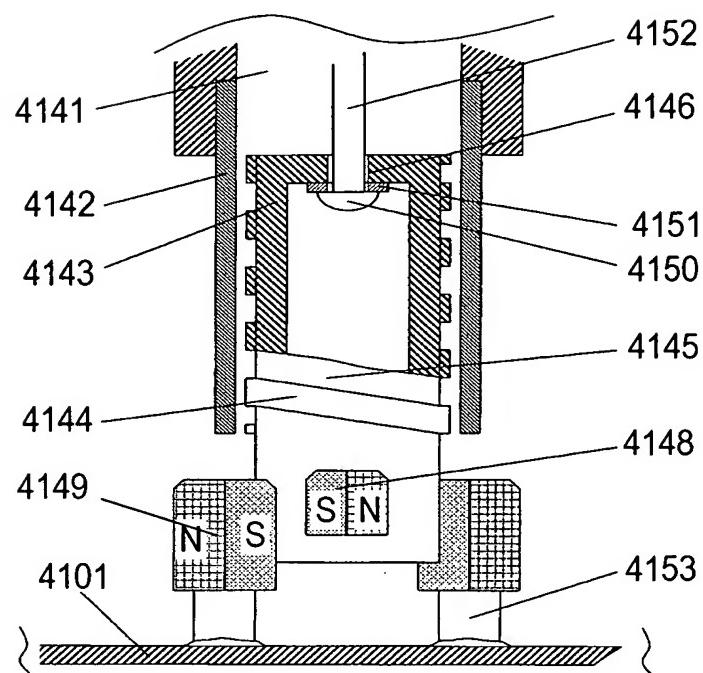
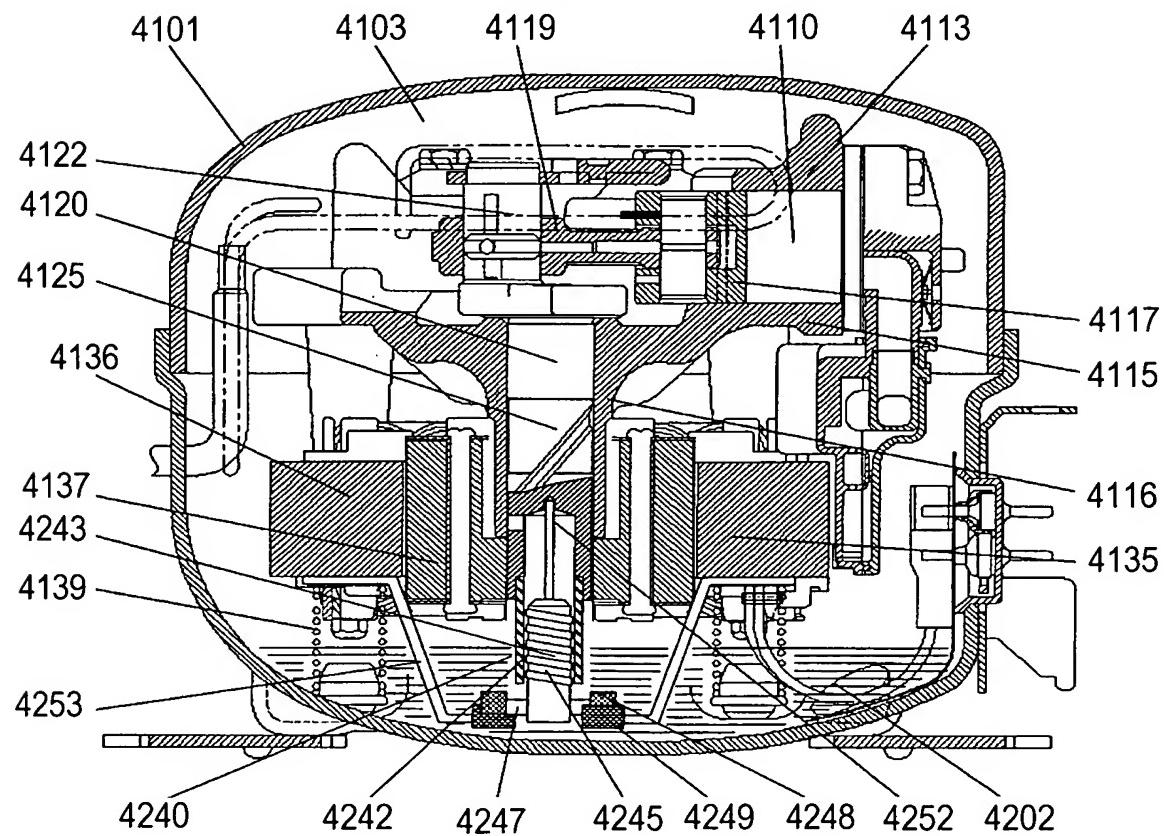


FIG. 21



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FIG. 22

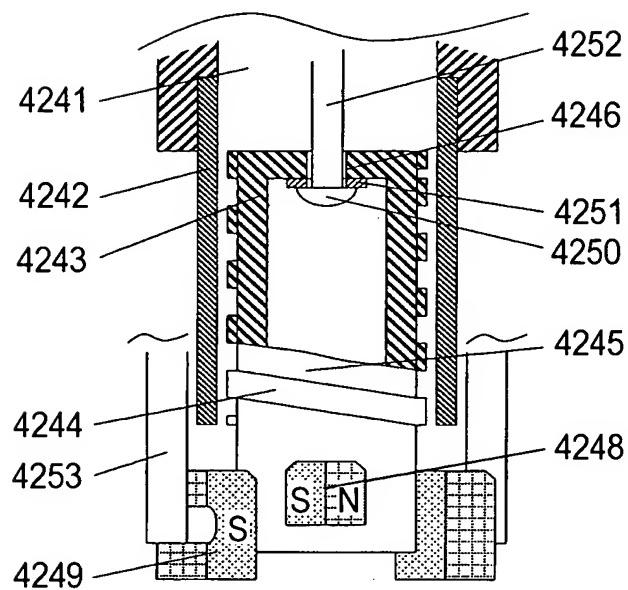
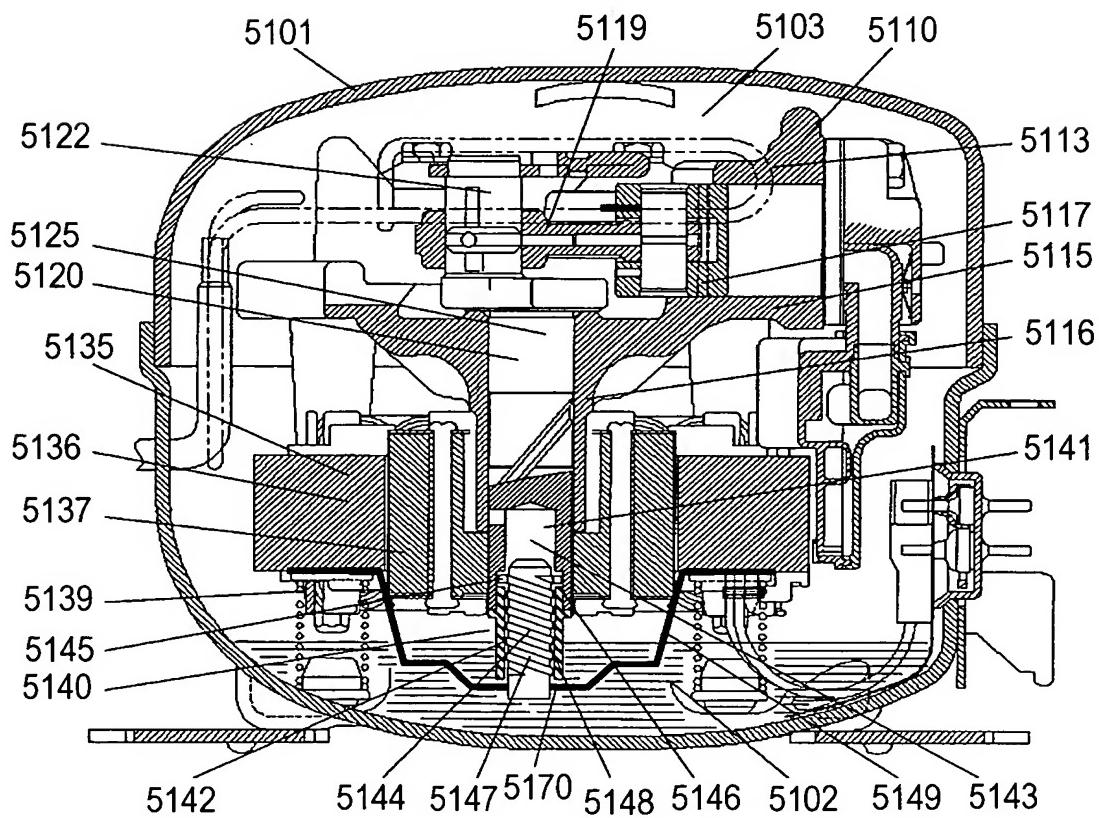
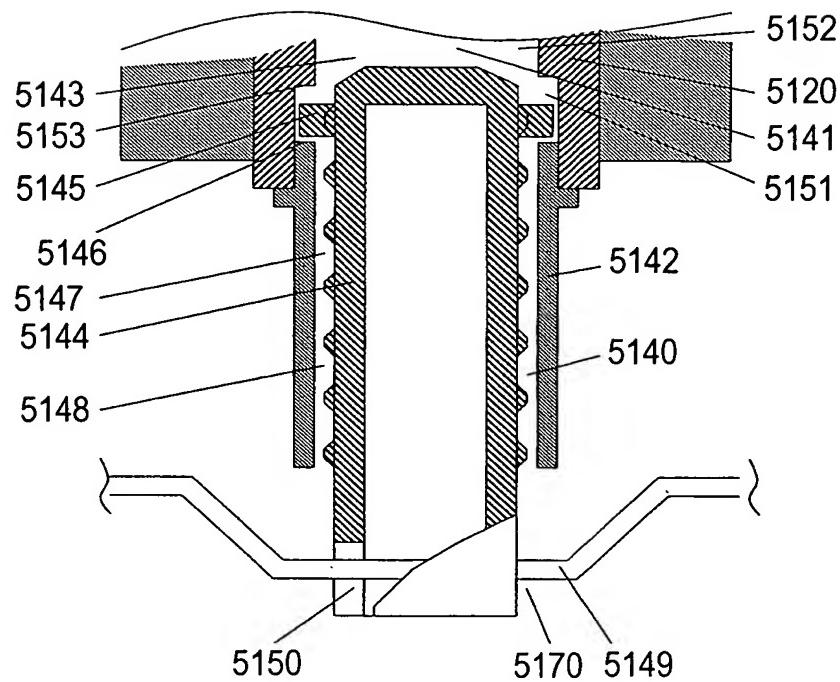
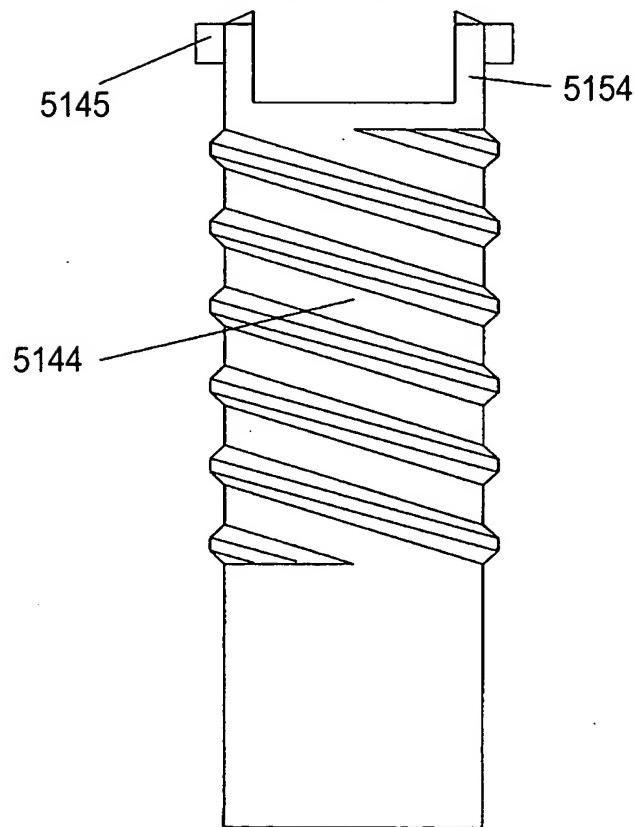


FIG. 23

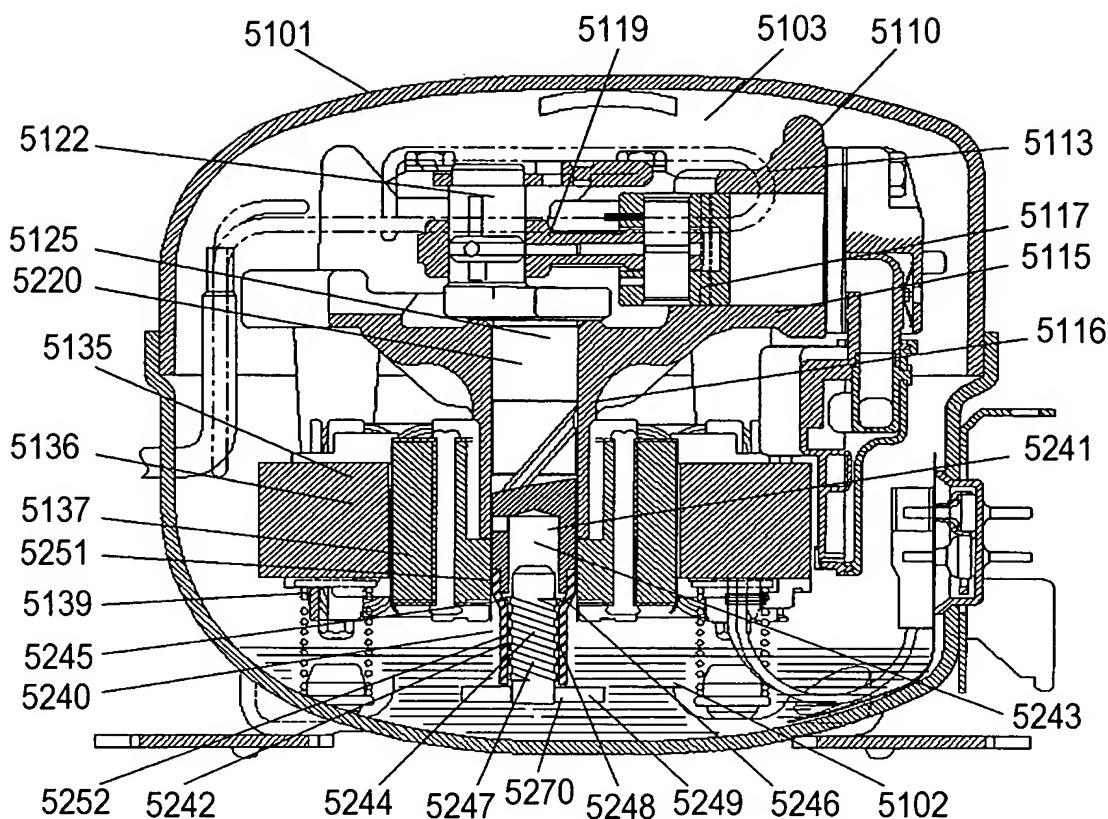


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**FIG. 24****FIG. 25**

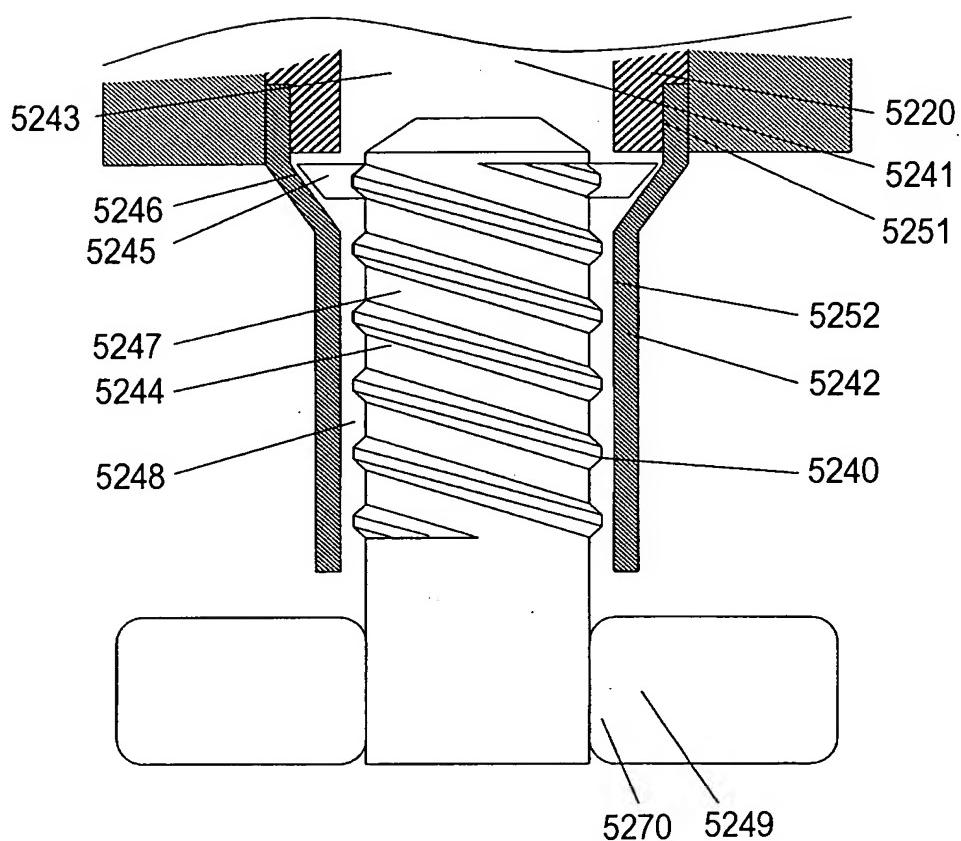
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FIG. 26

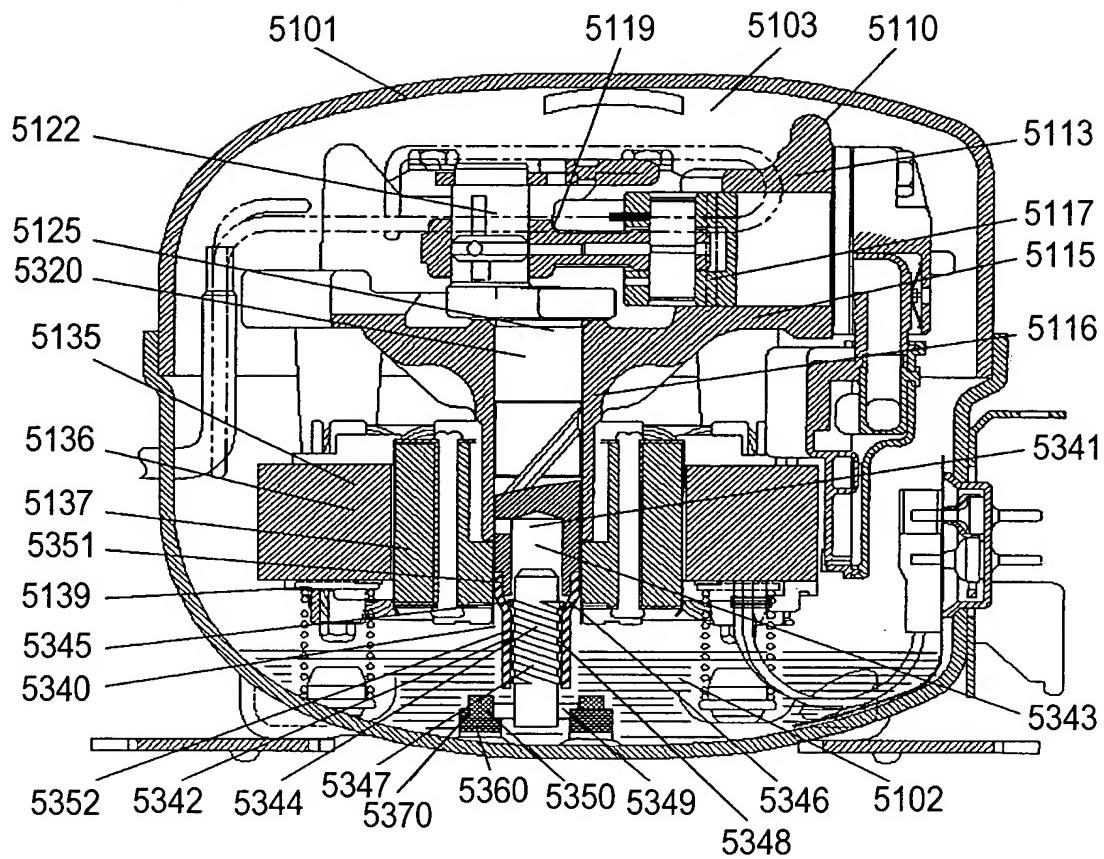
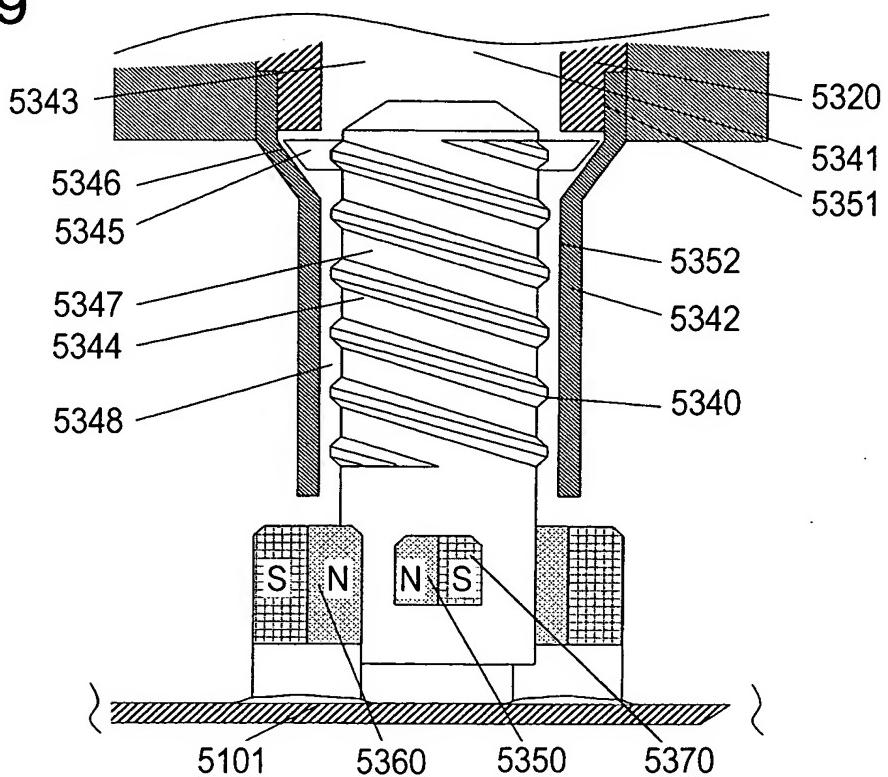


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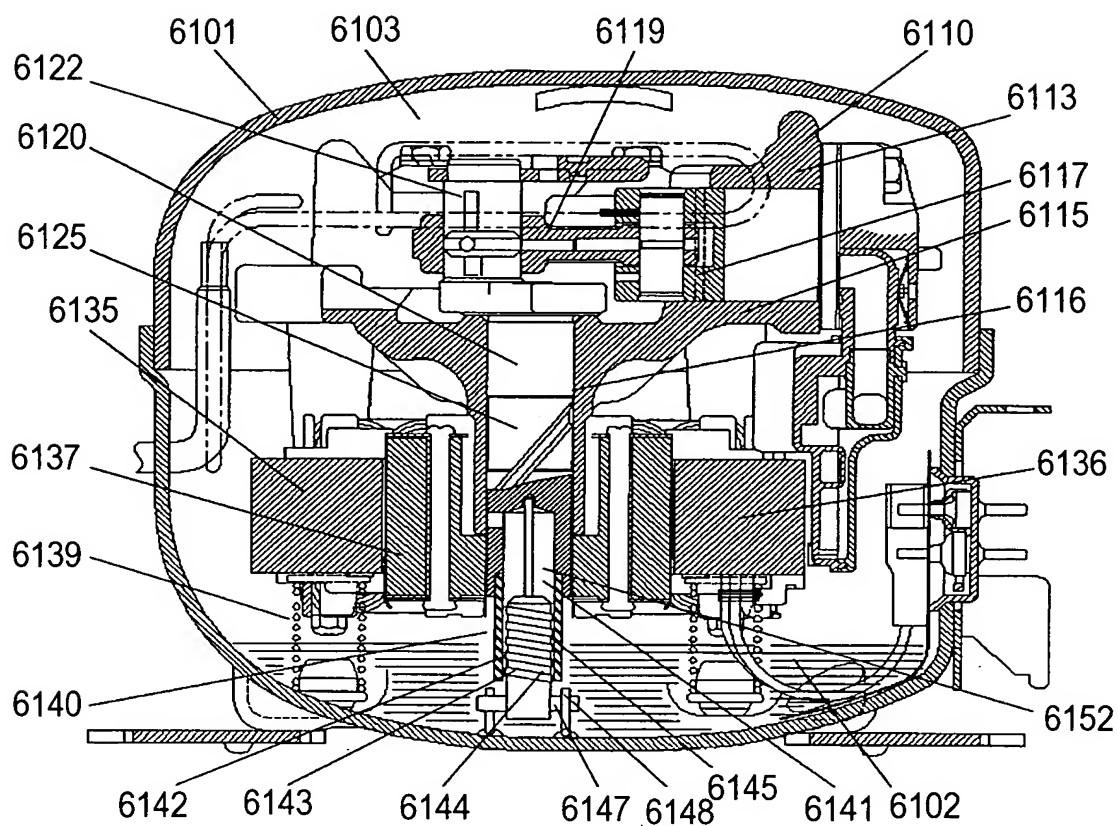
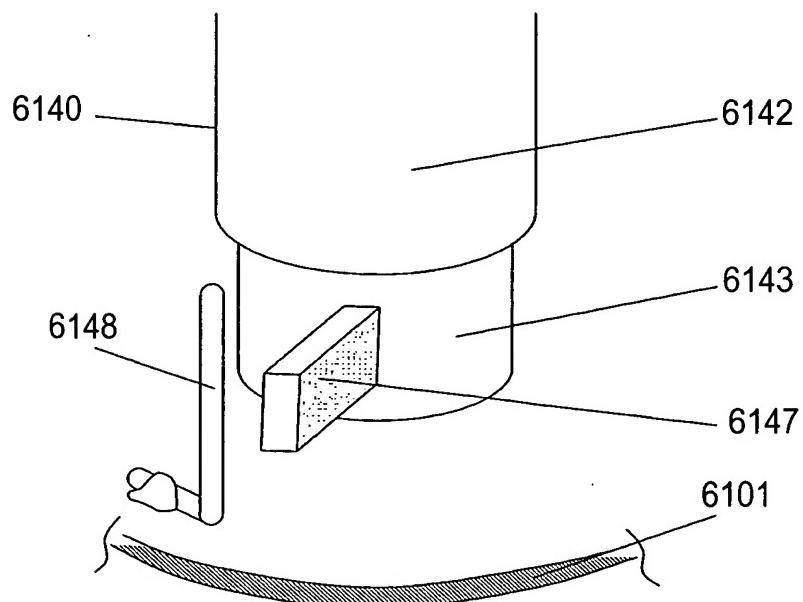
FIG. 27



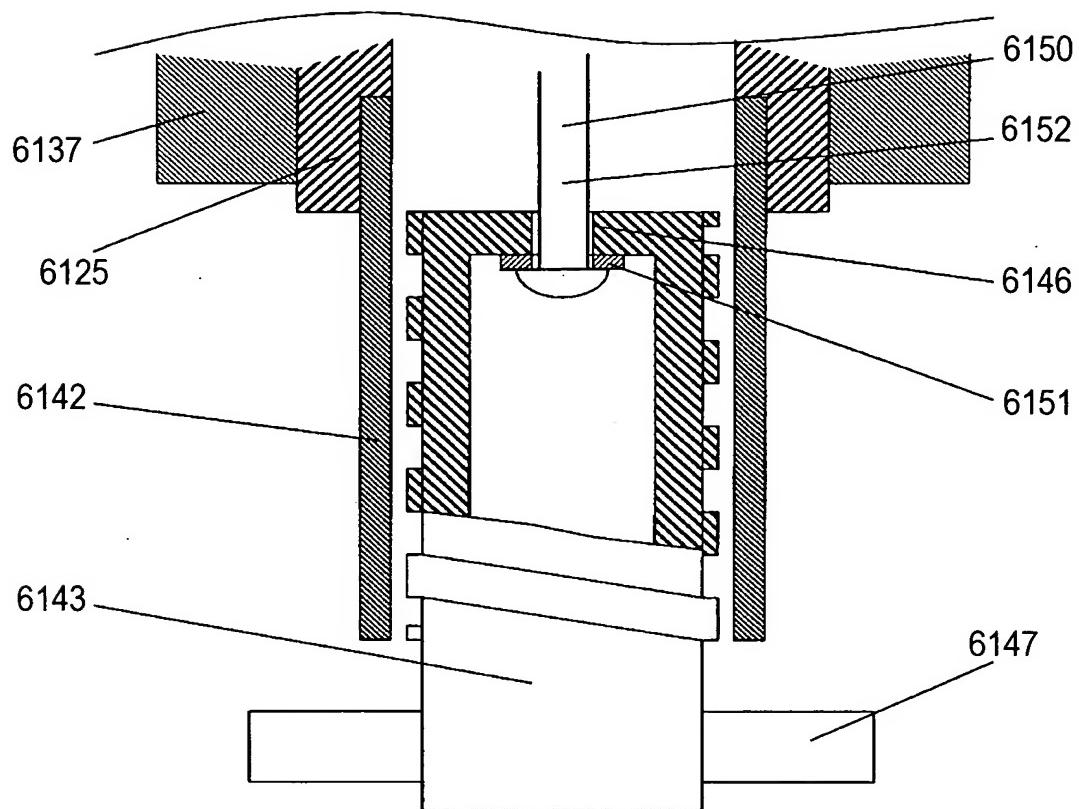
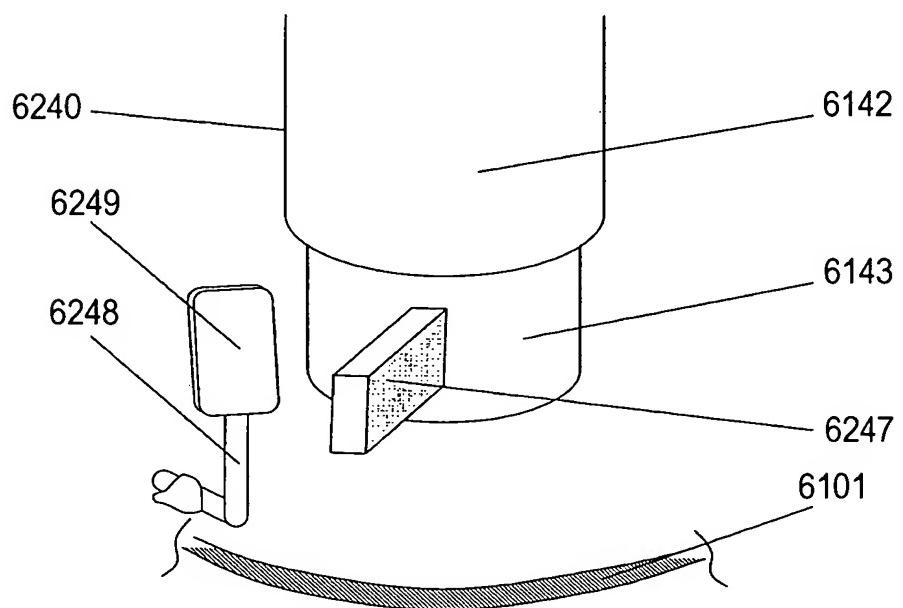
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**FIG. 28****FIG. 29**

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**FIG. 30****FIG. 31**

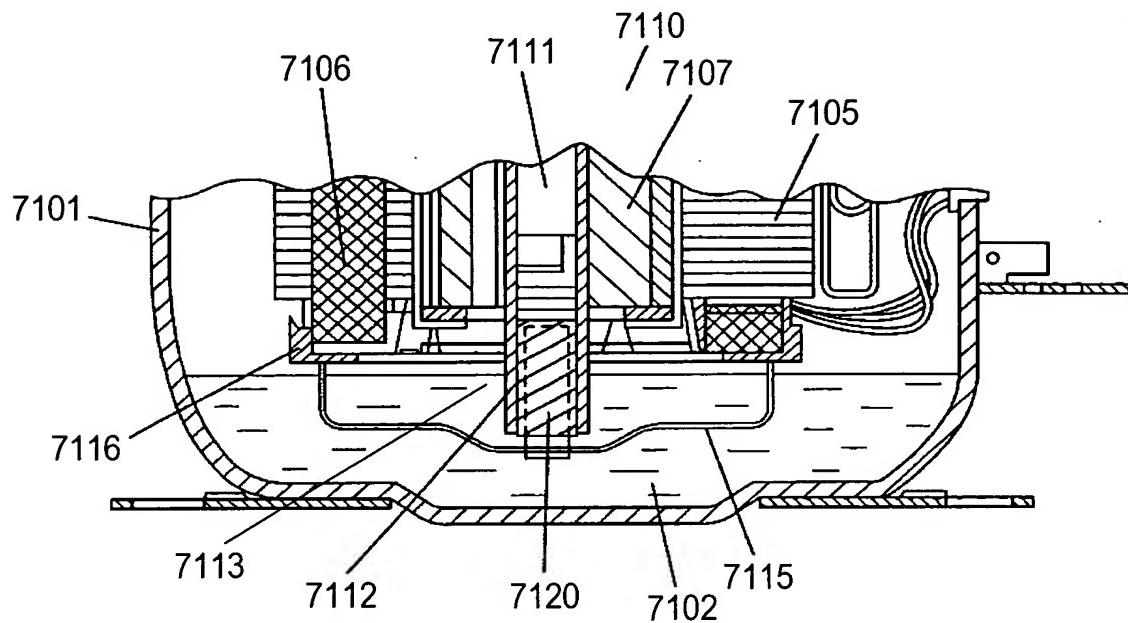
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**FIG. 32****FIG. 33**

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FIG. 34



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## Reference numerals in the drawings

- 1101 Closed container  
1102 Oil  
1103 Refrigerant gas  
1110 Compressing element  
1125,1225,1325 Shaft  
1135 Electrically-powered element  
1140,1240,1340 Viscous pump  
1142,1242,1342 Cylindrical hollow portion  
1145,1246,1346 Insertion member  
1147,1247,1347 Impellers  
1150,1250,1350 Spiral groove  
1152,1252 Upper region  
1243,1343 Sleeve  
1245 Upper surface  
1345 Bottom surface  
1352 Bottom region  
2101 Closed container  
2102 Oil  
2110 Compressing element  
2125,2225 Shaft  
2135 Electrically-powered element  
2136 Stator  
2137 Rotor  
2140,2240 Viscous pump  
2142,2242 Cylindrical hollow portion  
2143 Bracket  
2145 Insertion member  
3101 Closed container  
3102 Oil  
3103 Refrigerant  
3105 Electrically-powered element  
3106 Stator  
3107 Rotor  
3110,3210,3310 Compressing element

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- 3111,3211,3311 Shaft
- 3114 Main bearing
- 3116,3216,3316 Main shaft portion
- 3130,3230,3330 Viscous pump
- 3132,3232,3332 Supporting member
- 3133,3233,3333 Insertion member
- 3134,3234,3334 Spiral groove
- 3135,3235,3335 Cylindrical hollow portion
- 3137,3237 Engagement hole
- 3139,3239,3339 Restricting means
- 3150,3250,3350 Second Viscous pump
- 3151,3251,3351 Lead groove
- 3336 Engagement groove
- 3373 Spiral member
- 4101 Closed container
- 4102 Oil
- 4110 Compressing element
- 4125 Shaft
- 4135 Electrically-powered element
- 4136 Stator
- 4137 Rotor
- 4140,4240 Viscous pump
- 4142,4242 Sleeve
- 4143,4243 Insertion member
- 4145,4245 Oil passage
- 4148,4248 First permanent magnet
- 4149,4249 Second permanent magnet
- 4152,4252 Supporting member
- 5101 Closed container
- 5102 Oil
- 5110 Compressing element
- 5125 Shaft
- 5135 Electrically-powered element
- 5136 Stator
- 5137 Rotor

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- 5140,5240,5340 Viscous pump  
5141,5241,5341 Hollow portion  
5142,5242,5342 Sleeve  
5143,5243,5343 Cylindrical hollow portion  
5144,5244,5344 Insertion member  
5145,5245,5345 Projection  
5146,5246,5346 Receiving portion  
5148,5248,5348 Oil passage  
5149 Bracket  
5170,5270,4370 Rotation controlling means  
5249 Impeller  
5251,5351 Large-diameter portion  
5252,5352 Small-diameter portion  
5350,5360 Permanent magnet  
6101 Closed container  
6102 Oil  
6110 Compressing element  
6125 Shaft  
6135 Electrically-powered element  
6136 Stator  
6137 Rotor  
6140,6240 Viscous pump  
6142 Sleeve  
6143 Insertion member  
6145 Oil passage  
6147,6247 First contacting member  
6148,6248 Second contacting member  
6152 Supporting member